

ENHANCED WAX FOR FLAT HEAD PRINTERS

VERY HIGH SMUDGE RESISTANCE

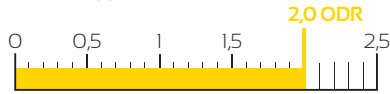
VERY GOOD PRINTING QUALITY

EXCELLENT RECEPTOR MULTI-COMPATIBILITY AND SENSITIVITY

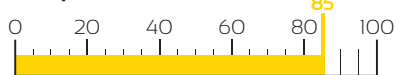
AWX®FH is a resin enhanced wax ribbon. Intrinsicly, it is the highest performance wax ribbon of the ARMOR range, enabling it to answer the requirements of all wax applications, including the most demanding ones, with very good resistance.

PRINTING QUALITY

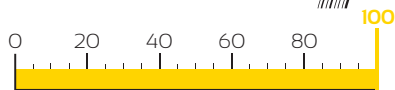
Blackness Macbeth D19C



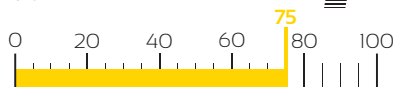
Sharpness



0°Barcode

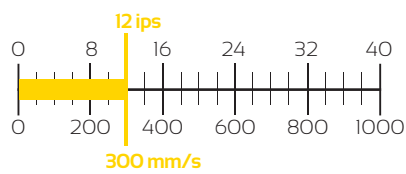


90°Barcode

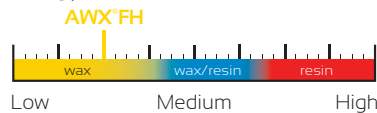


SENSITIVITY

Printing Speed



Energy



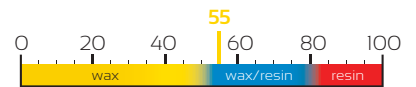
Receptor Compatibility

Uncoated papers	● ● ●
Coated papers	● ● ●
High gloss papers	● ● ●
Synthetics	● ●

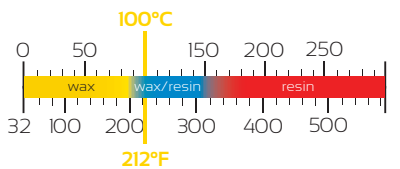
RESISTANCES

Mechanical Resistance

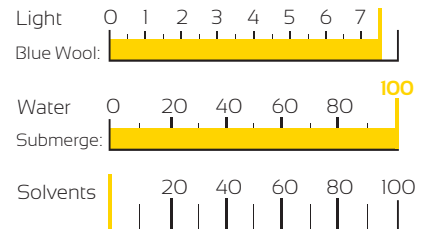
Crockmeter, 680 g/cm². For reference only, printout still visible after 100 cycles



Heat Resistance



Other Resistances



AWR®B

AWR®470

AWX®FH

APR®6

APX®FH+

AXR®7+

AXR®8

AXR®9

lower _____ VERSATILITY _____ higher
lower _____ RESISTANCE _____ higher
lower _____ SHARPNESS _____ higher

AWX[®]FH

ENHANCED WAX FOR FLAT HEAD PRINTERS

APPLICATION FIELDS

The characteristics of AWX[®]FH answer the requirements of the following application fields:

(If your application is not among the ones below, please contact us.)



RIBBON SPECIFICATIONS

Backcoating:

Silicon based.
Friction coefficient:
Kd < 0.2.



Ink:

Wax.
Melting point:
65°C / 149°F
(ARMOR procedure).

Storage:

12 months, 5-35°C (40-95°F),
20-80 % Humidity Rate.

PET film:

Thickness: 4.5 µm.

Ribbon:

Thickness (black): < 9 µm.
The ribbon is anti static build-up treated.

CERTIFICATIONS

REACH / SVHC Free: 1907/2006/EC

Food Contact Approved: 1935/2004/EC

Heavy metals: - 2002/95/EC
- 2002/96/EC
- 2011/65/EC

California Proposition 65

Halogen Free



COLOUR RANGE

For colour ribbons, please look to the AWR[®] or APR[®] ranges with approaching performances.

● Black

SUSTAINABLE DEVELOPMENT

ARMOR evaluation of AWX[®]FH:

To be compared with our other products.

Environment



Economy



The film is produced in one of the industry's most organised and awarded factories:



Quality, health, safety and environment certifications:

ISO 9001: 2008 ISO 14001: 2004
OHSAS 18001: 2007 ISO 50001: 2011



Responsible Care: International Council of Chemical Associations' charter towards constant improvements in health, safety and environment.



Global Compact: UN initiative inviting companies to apply fundamental ethical and environmental values.



All ARMOR product sheets are available on our website: www.armor-tt.com